

Sea Grant ANS Research and Competition Grants Awarded in 2003

PI	TITLE	SG Program
Kats, Lee B.	A multi-stage approach to understanding the invasion ecology of exotic crayfish in Northern and Southern California	CA
Tsukimura, Brian	Determination of Chinese Mitten Crab, <i>Eriocheir sinensis</i> , Year Class Strength Through Investigation of their Reproductive Life History	CA
Balcom, Nancy	Assessing the status of marine and freshwater ANS in Connecticut: Laying the Groundwork for Comprehensive and Coordinated Management and Outreach	CT
Whitlach, Robert B. 2	Evaluation of the Importance of Ship Hull Fouling by Privately-Owned Vessels as a Vector for the Transport of Invasive Species Along the Eastern Seaboard	CT
Hall, William R.	Initiation of an aquatic nuisance species cooperative education and outreach network in the mid-Atlantic region	DE
Miller, Douglas C.	Risks of survival and establishment of tropical introduced bait species- A case study of the nuclear worm, <i>Namalycastis</i> sp.	DE
Walters, Linda	Killer Algae: Preventing Florida from Becoming the Next Invasion Location of <i>Caulerpa taxifolia</i> - Mediterranean Strain	FL
Power, Alan J.	Baseline Port Surveys for Introduced Marine Molluscan, Crustacean & Polychaete Species in the Southern Atlantic Bight	GA
Lodge, David	Evaluating the ecological and economic value of the 100th Meridian Initiative	IL/IN
Kenny, Jonathan	Ballast water fingerprinting by multidimensional fluorescence	MA
Weigle, Shannon	Multilingual aquatic invasive species outreach campaign	MA
Miller, A. Whitman	A Test of ANS Risk Analysis Assumptions: Do changes in population characteristics associated with US Transcoastal invasions limit robust predictions?	MD
Newell, Roger	Assessing the Potential for Natural Predators to Control the Spread of the Suminoe Oyster, <i>Crassostrea ariakensis</i>	MD
Ruiz, Gregory M.	Quantitative Analysis of Spatial Patterns of Marine Invasions for North America - Establishing A National Baseline & Database	MD
Donahue, Michael J., Glassner-Shwayder, Katherine	A Collaborative Approach to Advance Implementaiton of State Management Plans for Prevention and Control of Aquatic Nuisance Species in the Great Lakes Region	MI
Faisal, Mohamed	Identification of Diseases and Host Defense Mechanisms in the Zebra Mussel (<i>Dreissena polymorpha</i>)	MI
Jensen, Doug	A national ANS outreach campaign for the aquarium industry and hobbyist consumers: a collaborative effort involving the Pet Industry Joint Council, the U.S. Fish and Wildlife Service and the Great Lakes Sea Grant Network	MN
Liukkonen, Barbara, Jensen, Doug	Preventing New Introduction of Invasive Aquatic Plants from Water Gardening and Shoreline Restoration	MN

2003 SG AQUATIC INVASIVE SPECIES COMPETITION

Walters, Howard D.	Southeast Regional Strategic Outreach Network	MS
Leopold, Donald I.	Ecology and Control of the Invasive Aquatic Plant <i>Hydrocharis morsus-ranae</i> in Eastern Lake Ontario and St. Lawrence River Wetlands	NY
O'Neill, Charles R., Jr.	Economic Impact of Zebra Mussels in North American Surface Waters, 1989-2002	NY
O'Neill, Charles R., Jr.	Water Chestnut Educational Materials Development	NY
Heimowitz, Paul	"Invasion of the Habitat Snatchers!" -- Teaching New Audiences About Aquatic Invasions Through An Innovative Aquarium Exhibit	OR
Heimowitz, Paul 2	From Headwaters to Ocean: Building Capacity of West Coast Watershed Councils to Address Aquatic Invasive Species	OR
Casagrande, Richard A.	Ecology and genotype-specific management of <i>Phragmites australis</i>	RI
Dobbs, Fred C.	Antibiotic resistance, plasmids, and the potential for horizontal gene transfer in <i>Vibrio cholerae</i> found in ships' ballast tanks	VA
Herwig, Russel	Redesign and Testing of Water Intake Systems for the Control of Aquatic Nuisance Species using Ozone.	WA
Klinger, Terrie	Biological Invasion of Marine Reserves by Aquatic Nuisance Species	WA
Maki, James S.	Inhibition of Zebra Mussel Attachment by Bacterial Extracellular Polymers	WI